

**Flood Control Project Maintenance  
Levee Inspections**  
**LMA District Cover Sheet**  
**Spring 2016 Levee Inspection Results**

**Reclamation District No. 0817 Carlin**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

\*\* Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

\*  
**SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Reclamation District No. 0817 Carlin**

Waterway			Bank	Unit Miles
Unit No. 01 South Dry Creek			Left	3.81
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/26/2016 - 4/26/2016			
DWR Inspector	Sterling York			
Accompanied By	Joe Conant RD 817			
	Tom Engler RD 2103			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_RD0817_01_f_2014_5				
Comment Code					
Inspector Comment					
LMA regularly attends flood fight training put on by RD784 and DWR .					

No Photos

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD0817_01_s_2013_9				
Comment Code					
Inspector Comment					
The manuals are located at Tom Englers office and at Joe Conant's office.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD0817_01_s_2013_10				
Comment Code					
Inspector Comment					
LMA stated that they have approx. 2500 sandbags and related flood fight material located in a mini storage in downtown Wheatland.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	0.01	Rating **	M	Issue No.	26
LM End	3.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.984834 °	39.013119 °
				-121.506088 °	-121.465215 °
DWR ID	DWR_RD0817_01_s _ 2016_26				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_RD0817\_12\_26\_20160427\_00019.jpg



View of vegetation on waterside slope, looking downstream.

LM Start	0.01	Rating **	M	Issue No.	27
LM End	3.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.984834 °	39.013119 °
				-121.506088 °	-121.465215 °
DWR ID	DWR_RD0817_01_s _ 2016_27				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_RD0817\_12\_27\_20160427\_00020.jpg



View of typical vegetation on the landside, looking downstream.

LM Start	0.20	Rating **	M	Issue No.	28
LM End	0.20	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.987107 °	38.987107 °
				-121.504274 °	-121.504274 °
DWR ID	DWR_RD0817_01_s _ 2016_28				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	0.29	Rating **	M	Issue No.	32
LM End	0.29	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.987813 °	38.987813 °
				-121.502963 °	-121.502963 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42685 DS_ID:18985 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation on waterward and landward slopes limit visual inspection of potential leaks along pipe alignment. Recommend having owner clear vegetation along slopes. FIELD_STRUCT_DESC: 48-inch corrugated metal drainpipe through levee, 23.3 feet below the crown. Flap gate on waterward end. FS Date: 4/16/2013					

Photo 1 of 2 : UCIP\_SP\_2016\_42685\_19865.jpg



WS- pipe, flap gate in dense vegetation on berm

LM Start	<b>0.29</b>	Rating **	M	Issue No.	<b>32 (cont)</b>
LM End	<b>0.29</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2016\_42685\_19864.jpg



WS- CM pipe and flap gate

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	0.55	Rating **	U	Issue No.	33
LM End	0.55	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.989890 °	38.989890 °
				-121.498850 °	-121.498850 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41299 DS_ID:18999 EP_NO: N/A Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No markers visible. Need to contact owner to determine status of crossing. If crossing is still active owner will need to comply with Title 23. FIELD_STRUCT_DESC: 8-5/8 pipe through levee, 3 feet below the crown. O&M Manual Sac 146, November 1962. FS Date: 4/16/2013					

No Photos

LM Start	0.56	Rating **	M	Issue No.	44
LM End	0.56	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.989990 °	38.989990 °
				-121.498710 °	-121.498710 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41411 DS_ID:19000 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: No markers were found. Dense vegetation limits inspector's visibility along waterward and landwar slopes. FIELD_STRUCT_DESC: 16-inch gas line through levee, 2.9 feet below the crown. O&M Manual Sac 146, November 1962. FS Date: 4/16/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	0.63	Rating **	U	Issue No.	45
LM End	0.63	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.990650 °	38.990650 °
				-121.497720 °	-121.497720 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41412 DS_ID:19001 EP_NO: N/A Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No markers visible. Dense vegetation present on both sides of the levee slopes. Need to contact owner to determine status of crossing. If crossing is still active owner will need to comply with Title 23 and contact Central Valley Flood Protection Board (CVFPB). FIELD_STRUCT_DESC: 16-inch gas line through levee, 3 feet below the crown. O&M Manual Sac 146, November 1962. FS Date: 4/16/2013					

No Photos

LM Start	0.83	Rating **	M	Issue No.	39
LM End	0.83	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.992540 °	38.992540 °
				-121.494920 °	-121.494920 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41321					
DS_ID:19002					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: 36-inch pipe through levee. Flapgate on waterside. O&M Manual Sac 146, November 1962.					
FS Date: 4/16/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	1.04	Rating **	M	Issue No.	40
LM End	1.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.994640 °	38.994640 °
				-121.492120 °	-121.492120 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41322					
DS_ID:18986					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: *REMOVED* 18-inch pipe through the levee, 13 feet below the crown. (Removed in 1989).					
FS Date: 4/16/2013					

No Photos

LM Start	1.13	Rating **	M	Issue No.	46
LM End	1.13	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.995667 °	38.995667 °
				-121.490981 °	-121.490981 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44084 DS_ID:25088 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel communication conduit through the levee, 4 feet below levee crown. FS Date: 3/19/2015					

Photo 1 of 2 : UCIP\_SP\_2016\_44084\_73565.jpg



Communication conduit visible on upstream side of bridge.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

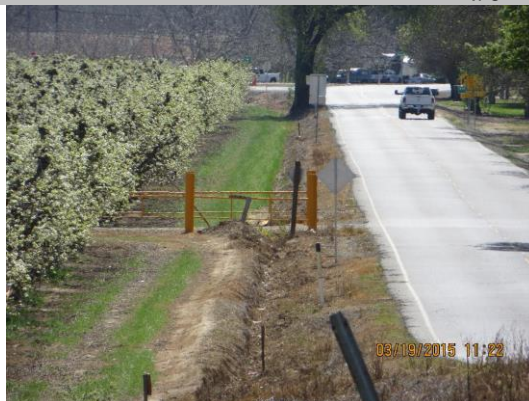
**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	1.13	Rating **	M	Issue No.	46 (cont)	
LM End	1.13	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			38.995667 °		38.995667 °
				-121.490981 °		-121.490981 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:44084						
DS_ID:25088						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 4-inch steel communication conduit through the levee, 4 feet below levee crown.						
FS Date: 3/19/2015						

Photo 2 of 2 : UCIP\_SP\_2016\_44084\_73564.jpg



Fiberoptic line markers along roadway to south of bridge.

LM Start	1.14	Rating **	M	Issue No.	47
LM End	1.14	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.995739 °	38.995739 °
				-121.490894 °	-121.490894 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44085 DS_ID:18997 EP_NO: 1454 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Pipe Abandoned and should be done so properly. FIELD_STRUCT_DESC: 24-inch diameter CMP drainage pipe through the levee 17-feet below the crown. Slidegate on WS slope (Permit No. 1454, 1949). Pipe Abandoned in place and covered with soil per RD 817 Rep. FS Date: 3/26/2015					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	1.34	Rating **	M	Issue No.	29
LM End	1.34	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.997961 °	38.997961 °
				-121.488455 °	-121.488455 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41153 DS_ID:18987 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Damaged slide gate on WS of the levee. Need to contact owner to determine status of crossing. If crossing is no longer in use owner will need to contact CVFPB to comply with Title 23. Dense vegetation on waterward and landward slopes limit visual inspection of potential leaks along pipe alignment. Recommend having owner clear vegetation along slopes. FIELD_STRUCT_DESC: *ABANDONED* 18-inch corrugated metal drainpipe through levee, 14.9 feet below the crown. Slide gate on the waterward end. O&M Manual Sac 146, November 1962. FS Date: 4/16/2013					

Photo 1 of 2 : UCIP\_SP\_2016\_41153\_19882.jpg



WS- overview of WS area

LM Start	1.34	Rating **	M	Issue No.	29 (cont)
LM End	1.34	Issue Type +	En	Location *	WS

Photo 2 of 2 : UCIP\_SP\_2016\_41153\_19881.jpg



WS- closer look at damaged slide gate on WS

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	1.62	Rating **	M	Issue No.	31
LM End	1.62	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.001340 °	39.001340 °
				-121.485740 °	-121.485740 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:41157  
DS\_ID:18988  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: A buried slide gate on WS of the levee. Need to contact owner to determine status of crossing. If crossing is no longer in use owner will need to contact CVFPB to comply with Title 23. Dense vegetation on waterward and landward slopes limit visual inspection of potential leaks along pipe alignment. Recommend having owner clear vegetation along slopes.  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 18-inch corrugated metal drainpipe through the levee, 14.9 feet below the crown. Slide gate on the waterward end. O&M Manual Sac 146, November 1962.  
FS Date: 4/16/2013

LM Start	<b>1.62</b>	Rating **	M	Issue No.	<b>31 (cont)</b>
LM End	<b>1.62</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_41157\_19892.jpg



WS- overview of WS berm

Photo 2 of 2 : UCIP\_SP\_2016\_41157\_19891.jpg



WS- slide gate

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	1.74	Rating **	M	Issue No.	8
LM End	3.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.002941 °	39.019763 °
				-121.484856 °	-121.454151 °
DWR ID	DWR_RD0817_01_s_2013_8				
Comment Code					
FE : Fence					
Inspector Comment					
Wire fence at L/S levee toe.					

Photo 1 of 1 : SP\_2016\_RD0817\_12\_8\_20160307\_00001.jpg



Wire fence at L/S levee toe.

LM Start	1.86	Rating **	M	Issue No.	41
LM End	1.86	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.004520 °	39.004520 °
				-121.483960 °	-121.483960 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41323 DS_ID:19003 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 12-inch pipe through levee. Vertical Pump on WS. 3.1 feet below the crown. O&M Manual Sac 146, November 1962. FS Date: 4/16/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	2.06	Rating **	M	Issue No.	34
LM End	2.06	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.006760 °	39.006760 °
				-121.481670 °	-121.481670 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41312 DS_ID:19004 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 18-inch pipe through the levee, 11.5 feet below the crown. O&M Manual Sac 146, November 1962. FS Date: 4/16/2013					

No Photos

LM Start	2.29	Rating **	M	Issue No.	30
LM End	2.29	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.008353 °	39.008353 °
				-121.477963 °	-121.477963 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41156 DS_ID:18989 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: A burried slide gate found on WS. Need to contact owner to determine status of crossing. If crossing is no longer in use owner will need to contact CVFPB to comply with Title 23. Dense vegetation on waterward and landward slopes limit visual inspection of potential leaks along pipe alignment. Recommend having owner clear vegetation along slopes. FIELD_STRUCT_DESC: 8-inch corrugated metal drainpipe through levee, 11.7 feet below the crown. Slide gate on the waterward end. O&M Manual Sac 146, November 1962. (Permit 16193, 1994, was issued for the removal of this crossing, but slidegate appears to remain on WS toe. FS Date: 4/16/2013					

Photo 1 of 1 : UCIP\_SP\_2016\_41156\_19895.jpg



WS- slide gate on levee toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	2.30	Rating **	M	Issue No.	36
LM End	2.30	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.008425 °	39.008425 °
				-121.477775 °	-121.477775 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41318 DS_ID:18993 EP_NO: 16193 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: Remove (1 of 3 locations) abandoned 18-inch diameter pipeline from the left bank levee of Dry Creek. (App. No. 16193) FS Date: 4/16/2013					

No Photos

LM Start	2.39	Rating **	M	Issue No.	42
LM End	2.39	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.008980 °	39.008980 °
				-121.476260 °	-121.476260 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41324					
DS_ID:19005					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: 10-inch pipe through levee. Vertical Pump on WS. 2.8 feet below the crown. O&M Manual Sac 146, November 1962.					
FS Date: 4/16/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	2.64	Rating **	M	Issue No.	37
LM End	2.64	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.010523 °	39.010523 °
				-121.472070 °	-121.472070 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41319 DS_ID:18994 EP_NO: 16193 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: Remove (1 of 3 locations) abandoned 18-inch diameter pipeline from the left bank levee of Dry Creek. (App. No. 16193) FS Date: 4/16/2013					

No Photos

LM Start	2.65	Rating **	M	Issue No.	49
LM End	2.65	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.010584 °	39.010584 °
				-121.471902 °	-121.471902 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:47111 DS_ID:18990 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Pipe Abandoned in place and should be done so properly. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: *REMOVED* 18-inch corrugated metal drainpipe through the levee, 10.5 feet-below the crown. Slide gate on the waterward end. O&M Manual Sac 146, November 1962. (Permit 16193, 1994, was issued for the removal of this crossing). FS Date: 3/26/2015					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	2.68	Rating **	M	Issue No.	43
LM End	2.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.010770 °	39.010770 °
				-121.471400 °	-121.471400 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41325					
DS_ID:19006					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances.					
FIELD_STRUCT_DESC: 8-inch pipe through the levee. Pump on LS.					
3.1 feet below the crown. O&M Manual Sac 146, November 1962.					
FS Date: 4/16/2013					

No Photos

LM Start	2.96	Rating **	M	Issue No.	38
LM End	2.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.012500 °	39.012500 °
				-121.466700 °	-121.466700 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41320 DS_ID:18995 EP_NO: 16193 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: Remove (1 of 3 locations) abandoned 18-inch diameter pipeline from the left bank levee of Dry Creek. (App. No. 16193) FS Date: 4/16/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	2.96	Rating **	M	Issue No.	48
LM End	2.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.012552 °	39.012552 °
				-121.466538 °	-121.466538 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:43946 DS_ID:18992 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Flapgate in closed position, but blocked from operation on WS toe. Pipe appears abandoned and should be verified as having been done so properly. FIELD_STRUCT_DESC: 36-inch corrugated metal drainpipe through the levee, 13.7-feet below the crown. Flap gate on the waterward end. O&M Manual Sac 146, November 1962. FS Date: 3/26/2015					

LM Start	<b>2.96</b>	Rating **	M	Issue No.	<b>48 (cont)</b>
LM End	<b>2.96</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_43946\_73422.jpg



Pipe and flapgate visible on WS toe.

Photo 2 of 2 : UCIP\_SP\_2016\_43946\_73421.jpg



Pipe and flapgate visible on WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 South Dry Creek	Left	3.81	04/26/2016 04/26/2016	Sterling York

LM Start	<b>3.69</b>	Rating **	M	Issue No.	<b>35</b>
LM End	<b>3.69</b>	Issue Type +	En	Location *	LS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		39.018890 °	39.018890 °	
			-121.455920 °	-121.455920 °	
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41316 DS_ID:19007 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the waterward and landward slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. FIELD_STRUCT_DESC: 18-inch pipe through levee. Flapgate on WS. 12 feet below the crown. O&M Manual Sac 146, November 1962. FS Date: 4/16/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Reclamation District No. 0817 Carlin**

Waterway			Bank	Unit Miles
Unit No. 02 Bear River			Right	3.86
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/26/2016 - 4/26/2016			
DWR Inspector	Sterling York			
Accompanied By	Joe Conant RD 817			
	Tom Engler RD 2103			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	04/26/2016 04/26/2016	Sterling York

LM Start	0.01	Rating **	M	Issue No.	15
LM End	3.83	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.984582 °	38.993173 °
				-121.506061 °	-121.437835 °
DWR ID	DWR_RD0817_02_s _ 2016_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_RD0817\_13\_15\_20160427\_00018.jpg



View of typical vegetation on the waterside slope looking upstream.

LM Start	0.01	Rating **	M	Issue No.	16
LM End	3.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.984582 °	38.993173 °
				-121.506061 °	-121.437835 °
DWR ID	DWR_RD0817_02_s _ 2016_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_RD0817\_13\_16\_20160427\_00017.jpg



View of typical vegetation on waterside slope looking upstream.

LM Start	0.01	Rating **	M	Issue No.	7
LM End	3.83	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.984582 °	38.993173 °
				-121.506061 °	-121.437835 °
DWR ID	DWR_RD0817_02_s _ 2016_7				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Spray crown to eliminate vegetation growth and allow for an effective all weather surface.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	04/26/2016 04/26/2016	Sterling York

LM Start	0.01	Rating **	M	Issue No.	8	
LM End	3.83	Issue Type +	Ma	Location *	CR	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.984582 °		38.993173 °
				-121.506061 °		-121.437835 °
DWR ID	DWR_RD0817_02_s_2016_8					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						

No Photos

LM Start	0.99	Rating **	M	Issue No.	22
LM End	0.99	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.985571 °	38.985571 °
				-121.488209 °	-121.488209 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44064					
DS_ID:19008					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Pipe appears abandoned and if so should be done so properly. Concrete standpipe filled with soil.					
FIELD_STRUCT_DESC: Abandoned 10-inch pipe through levee, 13.5 feet below crown. No control valves. Hole in pipe at landward toe. 36-inch concrete riser at landward toe. Concrete standpipe at landward toe.					
FS Date: 4/1/2015					

Photo 1 of 2 : UCIP\_SP\_2016\_44064\_73542.jpg



Concrete standpipe visible on lower slope of LS toe.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	04/26/2016 04/26/2016	Sterling York

LM Start	0.99	Rating **	M	Issue No.	22 (cont)
LM End	0.99	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.985571 °	38.985571 °
				-121.488209 °	-121.488209 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:44064					
DS_ID:19008					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Indicator Found					
UCIP Comments: Pipe appears abandoned and if so should be done so properly. Concrete standpipe filled with soil.					
FIELD_STRUCT_DESC: Abandoned 10-inch pipe through levee, 13.5 feet below crown. No control valves. Hole in pipe at landward toe. 36-inch concrete riser at landward toe. Concrete standpipe at landward toe.					
FS Date: 4/1/2015					

Photo 2 of 2 : UCIP\_SP\_2016\_44064\_73541.jpg



Concrete standpipe visible on lower slope of LS toe.

LM Start	1.29	Rating **	U	Issue No.	17
LM End	1.29	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.986150 °	38.986150 °
				-121.482770 °	-121.482770 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41302					
DS_ID:19013					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Not Found					
UCIP Comments: No markers visible. Need to contact owner to determine status of crossing. If crossing is still active owner will need to comply with Title 23 and contact Central Valley Flood Protection Board (CVFPB).					
FIELD_STRUCT_DESC: 16-inch gas line through levee, 3 feet below the crown. O&M Manual Sac 146, November 1962.					
FS Date: 4/17/2013					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	04/26/2016 04/26/2016	Sterling York

LM Start	1.76	Rating **	M	Issue No.	2
LM End	1.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.987851 °	38.987851 °
				-121.474383 °	-121.474383 °
DWR ID	DWR_RD0817_02_f_2013_2				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	1.77	Rating **	U	Issue No.	18	
LM End	1.77	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.987920 °	38.987920 °	
				-121.474080 °	-121.474080 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:41304 DS_ID:19015 EP_NO: N/A Repair Type: Urgent Crossing Status: Not Found UCIP Comments: No markers visible. Need to contact owner to determine status of crossing. If crossing is still active owner will need to comply with Title 23 and contact Central Valley Flood Protection Board (CVFPB). FIELD_STRUCT_DESC: 8-5/8-inch gas line through the levee, 3 feet below the crown. O&M Manual Sac 146, November 1962. FS Date: 4/17/2013						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	04/26/2016 04/26/2016	Sterling York

LM Start	2.01	Rating **	M	Issue No.	3
LM End	2.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.989030 °	38.989030 °
				-121.469864 °	-121.469864 °
DWR ID	DWR_RD0817_02_s_2016_3				
Comment Code					
EQ : Equipment					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_RD0817\_13\_3\_20160427\_00019.jpg



Photo of equipment encroaching onto the landside toe.

LM Start	2.05	Rating **	M	Issue No.	20
LM End	2.05	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.989212 °	38.989212 °
				-121.469137 °	-121.469137 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46182 DS_ID:25095 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine permit for crossing. FIELD_STRUCT_DESC: 2-inch galvanized iron waterline through the levee at an unknown depth below the crown. Hose bib at WS toe. Possible connection at building corner on LS. FS Date: 4/1/2015					

Photo 1 of 2 : UCIP\_SP\_2016\_46182\_74559.jpg



Pipe and hose bib visible in tall grass at WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	04/26/2016 04/26/2016	Sterling York

LM Start	2.05	Rating **	M	Issue No.	20 (cont)	
LM End	2.05	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			38.989212 °	38.989212 °	
				-121.469137 °	-121.469137 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:46182						
DS_ID:25095						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Need to determine permit for crossing.						
FIELD_STRUCT_DESC: 2-inch galvanized iron waterline through the						
levee at an unknown depth below the crown. Hose bib at WS toe.						
Possible connection at building corner on LS.						
FS Date: 4/1/2015						

Photo 2 of 2 : UCIP\_SP\_2016\_46182\_74560.jpg



Possible source on LS at building corner.

LM Start	2.08	Rating **	U	Issue No.	10
LM End	3.18	Issue Type +	Ob	Location *	N/A
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.989338 °	38.994124 °
				-121.468640 °	-121.449448 °
DWR ID	DWR_RD0817_02_s_2012_10				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
The levee is oversteepend at this location. The LMA states that it has always been like this and the USACE did not finish constructing the levee here.					

Photo 1 of 1 : SP\_2016\_RD0817\_13\_10\_20160307\_00004.jpg



Levee mile 2.08, this photo shows the slope is less than required, this is the downstream limit of the site, this is the waterside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	04/26/2016 04/26/2016	Sterling York

LM Start	2.11	Rating **	M	Issue No.	21
LM End	2.11	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.989495 °	38.989495 °
				-121.468100 °	-121.468100 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:44105  
DS\_ID:19010  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Pipe appears abandoned and should be done so properly.  
FIELD\_STRUCT\_DESC: \*ABANDONED\* 2-inch pipe through the levee, 1.5 feet below the crown. Concrete bulkhead on the landward slope.  
FS Date: 4/1/2015

LM Start	<b>2.11</b>	Rating **	M	Issue No.	<b>21 (cont)</b>
LM End	<b>2.11</b>	Issue Type +	En	Location *	N/A

Photo 1 of 2 : UCIP\_SP\_2016\_44105\_73586.jpg



Pipe visible on LS shoulder.

Photo 2 of 2 : UCIP\_SP\_2016\_44105\_73585.jpg



WS slope. pipe not visible.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	04/26/2016 04/26/2016	Sterling York

LM Start	2.38	Rating **	M	Issue No.	19
LM End	2.38	Issue Type +	En	Location *	N/A
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.990705 °	38.990705 °
				-121.463377 °	-121.463377 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:41160  
DS\_ID:19011  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: Erosion present behind headwall. Need to contact owner to determine status of crossing. If crossing is no longer in use owner will need to contact CVFPB to comply with Title 23. Dense vegetation on waterward and landward slopes limit visual inspection of potential leaks along pipe alignment. Recommend having owner clear vegetation along slopes.  
FIELD\_STRUCT\_DESC: 24-inch pipe through the levee, 12.0 feet below the crown. Slide gate in corrugated metal pipe riser on the waterward slope. Abandoned pump and concrete riser on the bank. A tall CMP riser with 8-inch siphon breaker pipe at the landward toe.  
FS Date: 4/17/2013

LM Start	<b>2.38</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>2.38</b>	Issue Type +	En	Location *	N/A

Photo 1 of 2 : UCIP\_SP\_2016\_41160\_19922.jpg



WS- CMP riser on levee slope.

Photo 2 of 2 : UCIP\_SP\_2016\_41160\_19921.jpg



WS- inside CMP riser with air vent and slide gate.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	04/26/2016 04/26/2016	Sterling York

LM Start	3.73	Rating **	A/W	Issue No.	6
LM End	3.83	Issue Type +	Ob	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.992656 °	38.993209 °
				-121.439508 °	-121.437772 °
DWR ID	DWR_RD0817_02_f_2013_6				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Separation line in the soil on the landward side between the clay and the sand.					

LM Start	<b>3.73</b>	Rating **	A/W	Issue No.	<b>6 (cont)</b>
LM End	<b>3.83</b>	Issue Type +	Ob	Location *	LS

Photo 1 of 3 : SP\_2016\_RD0817\_13\_6\_20160307\_00002.jpg



This photo was taken from the crown of the levee back in facing east looking at the separation line in the soil on the land ward side between the clay and the sand. Fall 2013.

Photo 2 of 3 : SP\_2016\_RD0817\_13\_6\_20160307\_00003.jpg



View of the separation of soil on the landward side of the levee looking upstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Bear River	Right	3.86	04/26/2016 04/26/2016	Sterling York

LM Start	3.73	Rating **	A/W	Issue No.	6 (cont)	
LM End	3.83	Issue Type +	Ob	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.992656 °		38.993209 °
				-121.439508 °		-121.437772 °
DWR ID	DWR_RD0817_02_f_2013_6					
Comment Code						
S1 : Repair slope instability.						
Inspector Comment						
Separation line in the soil on the landward side between the clay and the sand.						

Photo 3 of 3 : SP\_2016\_RD0817\_13\_6\_20160427\_00020.jpg



This photo shows the repair to the slurry wall settlement on the landside slope, looking upstream.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Spring 2016 Levee Inspection Results**

**Reclamation District No. 0817 Carlin**

Waterway			Bank	Unit Miles
Unit No. 03 South Dry Creek			Right	1.32
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	4/26/2016 - 4/26/2016			
DWR Inspector	Sterling York			
Accompanied By	Joe Conant RD 817			
	Tom Engler RD 2103			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	04/26/2016 04/26/2016	Sterling York

LM Start	0.26	Rating **	M	Issue No.	16
LM End	1.27	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.987671 °	38.996877 °
				-121.506478 °	-121.491960 °
DWR ID	DWR_RD0817_03_s_2016_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_RD0817\_14\_16\_20160427\_00025.jpg



View of typical vegetation on the landside looking upstream.

LM Start	0.26	Rating **	M	Issue No.	17
LM End	1.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.987670 °	38.996877 °
				-121.506477 °	-121.491960 °
DWR ID	DWR_RD0817_03_s_2016_17				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2016\_RD0817\_14\_17\_20160427\_00026.jpg



View of typical vegetation on the waterside looking upstream.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	04/26/2016 04/26/2016	Sterling York

LM Start	0.27	Rating **	U	Issue No.	21
LM End	0.27	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.987762 °	38.987762 °
				-121.506271 °	-121.506271 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46587 DS_ID:22949 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Flap gate partially blocked by vegetation at outlet. FIELD_STRUCT_DESC: 18-inch CM drain pipe through the levee 19.5- feet below the crown. Flap gate and headwall on waterward side. Originally included in O+M Manual (1955). FS Date: 9/11/2015 9:02:10 AM					

Photo 1 of 2 : UCIP\_SP\_2016\_46587\_54271.jpg



Pipe at LS toe

Photo 2 of 2 : UCIP\_SP\_2016\_46587\_54270.jpg



Outlet in brush at WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	04/26/2016 04/26/2016	Sterling York

LM Start	0.27	Rating **	M	Issue No.	19
LM End	0.27	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.987762 °	38.987762 °
				-121.506283 °	-121.506283 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:42686 DS_ID:19025 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer in use owner will need to contact CVFPB to comply with Title 23. Dense vegetation on waterward and landward slopes limit visual inspection of potential leaks along pipe alignment. Recommend having owner clear vegetation along slopes. FIELD_STRUCT_DESC: A 20-inch CM drainage pipe through levee. Flap Gate on WS levee toe. O&M Manual Sac 145, August 1955. FS Date: 4/17/2013					

LM Start	<b>0.27</b>	Rating **	M	Issue No.	<b>19 (cont)</b>
LM End	<b>0.27</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_42686\_19927.jpg



LS- overview of CM drainage pipe on toe of the levee.

Photo 2 of 2 : UCIP\_SP\_2016\_42686\_19926.jpg



LS- CM drainage pipe on toe of the levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	04/26/2016 04/26/2016	Sterling York

LM Start	0.54	Rating **	U	Issue No.	22
LM End	0.54	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.989915 °	38.989915 °
				-121.502113 °	-121.502113 °
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:46588  
DS\_ID:22950  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: Pipe heavily corroded and failing at inlet an outlet.  
FIELD\_STRUCT\_DESC: 24-inch CM drain pipe through the levee 20.5-feet below the crown. Flap gate and headwall on waterward side.  
Originally included in O+M Manual (1955).  
FS Date: 9/11/2015 9:02:45 AM

LM Start	<b>0.54</b>	Rating **	U	Issue No.	<b>22 (cont)</b>
LM End	<b>0.54</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_46588\_53849.jpg



Pipe on LS toe corroded through.

Photo 2 of 2 : UCIP\_SP\_2016\_46588\_53848.jpg



Pipe Heavily corroded throughout

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	04/26/2016 04/26/2016	Sterling York

LM Start	0.55	Rating **	U	Issue No.	8
LM End	0.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.989961 °	38.992220 °
				-121.502009 °	-121.498198 °
DWR ID	DWR_RD0784_06_f_2012_8				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Dense berry bushes along lower slope.					

Photo 1 of 1 : SP\_2016\_RD0817\_14\_8\_20160307\_00001.jpg



Levee mile 0.54, the landside slope.

LM Start	0.58	Rating **	U	Issue No.	7
LM End	0.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.990201 °	38.990201 °
				-121.501522 °	-121.501522 °
DWR ID	DWR_RD0784_06_f_2012_7				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Berries and saplings on the slope.					

No Photos

LM Start	0.58	Rating **	M	Issue No.	4
LM End	0.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.990219 °	38.990219 °
				-121.501483 °	-121.501483 °
DWR ID	DWR_RD0817_03_s_2015_4				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	





**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	04/26/2016 04/26/2016	Sterling York

LM Start	0.68	Rating **	U	Issue No.	23 (cont)
LM End	0.68	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.991062 °	38.991062 °
				-121.499886 °	-121.499886 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46589					
DS_ID:22951					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Corrosion holes on WS toe and flap gate is blocked by debris. Flap gate broken. Inlet partially blocked at concrete inlet.					
FIELD_STRUCT_DESC: 24-inch CM drain pipe through the levee 20.0-feet below the crown. Flap gate and headwall on waterward side.					
56X34-inch concrete inlet on LS toe. Originally included in O+M Manual (1955).					
FS Date: 9/11/2015 9:03:31 AM					

Photo 2 of 2 : UCIP\_SP\_2016\_46589\_53853.jpg



Holes in pipe at broken flapgate on WS toe.

LM Start	0.69	Rating **	M	Issue No.	20
LM End	0.69	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.991082 °	38.991082 °
				-121.499888 °	-121.499888 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41163 DS_ID:19020 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to contact owner to determine status of crossing. If crossing is no longer in use owner will need to contact CVFPB to comply with Title 23. Dense vegetation on waterward and landward slopes limit visual inspection of potential leaks along pipe alignment. Cleaning of debris on both sides of the levee required. FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through the levee, 20.0 feet below the crown. Flap gate on the waterward end. O&M Manual Sac 145, August 1955. FS Date: 4/16/2013					

Photo 1 of 2 : UCIP\_SP\_2016\_41163\_19942.jpg



WS- CM pipe, flap gate and debris.

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	04/26/2016 04/26/2016	Sterling York

LM Start	1.18	Rating **	U	Issue No.	24
LM End	1.18	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.995852 °	38.995852 °
				-121.493111 °	-121.493111 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:46593					
DS_ID:22952					
EP_NO: N/A					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Pipe heavily corroded and damaged. 8-inch PVC pipe runs through pipe/possibly for irrigation. CMP heavily rusted on WS toe and debris blocking flap gate on WS toe.					
FIELD_STRUCT_DESC: 20-inch CM drain pipe through the levee 16.5-feet below the crown. Flap gate on waterward side. Originally included in O+M Manual (1955).					
FS Date: 9/11/2015 9:06:26 AM					

LM Start	<b>1.18</b>	Rating **	U	Issue No.	<b>24 (cont)</b>
LM End	<b>1.18</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP\_SP\_2016\_46593\_53857.jpg



Pipe on LS toe with 8-inch PVC pipe sticking out.

Photo 2 of 2 : UCIP\_SP\_2016\_46593\_53856.jpg



Pipe cut behind flap gate on WS toe with 8-inch PVC.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	04/26/2016 04/26/2016	Sterling York

LM Start	1.28	Rating **	M	Issue No.	12
LM End	1.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.997019 °	38.999719 °
				-121.491802 °	-121.490147 °
DWR ID	DWR_RD0784_06_f_2012_12				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation picture is the same as the picture on the crown.					

No Photos

LM Start	1.28	Rating **	M	Issue No.	14
LM End	1.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.997019 °	38.999719 °
				-121.491802 °	-121.490147 °
DWR ID	DWR_RD0784_06_f_2012_14				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
This levee section needs an all weather surface added to the crown.					

Photo 1 of 1 : SP\_2016\_RD0817\_14\_14\_20160307\_00002.jpg



View of the vegetation on the crown of the levee looking upstream. Fall 2015.

LM Start	1.28	Rating **	M	Issue No.	13
LM End	1.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.997019 °	38.999719 °
				-121.491802 °	-121.490148 °
DWR ID	DWR_RD0784_06_f_2012_13				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Vegetation picture is the same as the picture on the crown.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Spring 2016**

**Reclamation District No. 0817 Carlin**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 South Dry Creek	Right	1.32	04/26/2016 04/26/2016	Sterling York

LM Start	<b>1.29</b>	Rating **	U	Issue No.	<b>25</b>
LM End	<b>1.29</b>	Issue Type +	En	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP Field Study		38.997048 °	38.997048 °	
			-121.491743 °	-121.491743 °	
DWR ID					

**Comment Code**

**Inspector Comment**

FS\_ID:46891  
DS\_ID:22953  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: Pipe visible on LS at toe of roadway embankment, but not visible on WS. Possible sinkhole over pipe at LS toe. Pipe heavily rusted. 12/17/2015: WS accessible, but LS no longer accessible due to heavy vegetation.  
FIELD\_STRUCT\_DESC: 18-inch CM drain pipe through the levee approximately 15-feet below the crown. Pipe alignment from west of intersection of 40-mile road and levee at 45 degrees to levee to WS. Flap gate on waterward side. Originally included in O+M Manual (1955). Field Visit 12/17/2015 Land side inlet to drainage pipe inaccessible due to dense vegetation. Water side outlet of drainage pipe difficult to access due to vegetation. Outlet is on eastern side of 40 Mile Rd (upstream) Steel pipe appears to be sleeved inside rusted CM pipe on water side with attached flap gate.  
FS Date: 9/11/2015 9:08:00 AM

LM Start	<b>1.29</b>	Rating **	U	Issue No.	<b>25 (cont)</b>
LM End	<b>1.29</b>	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP\_SP\_2016\_46891\_53859.jpg



Pipe at inlet on LS toe.

Photo 2 of 2 : UCIP\_SP\_2016\_46891\_53858.jpg



Sinkhole or animal burrow over pipe on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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